

We claim:

- 1 1. A method, comprising:
2 identifying significant ones of behavioral properties based on measured
3 behavioral data in a computer system;
4 determining an insight associated with said significant ones of behavioral
5 properties; and
6 determining an advice associated with the insight.
- 1 2. The method of claim 1, further comprising encoding knowledge of computer
2 subsystem behavioral properties based on behavioral data to provide a basis for
3 identifying said significant ones of the behavioral properties.
- 1 3. The method of claim 1, further comprising encoding knowledge of insights
2 based on the behavioral properties to provide a basis for determining the insight.
- 1 4. The method of claim 1, further comprising generating an explanation of the
2 insight in terms of the behavioral properties.
- 1 5. The method of claim 1, further comprising generating an explanation of the
2 advice.
- 1 6. The method of claim 1, wherein said identifying significant ones of behavioral
2 properties includes identifying behavior whose value is outside a predefined range.

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1 7. The method of claim 1, further comprising providing the insight and the
2 advice to a user.

1 8. A machine-readable medium having stored thereon instructions, which when
2 executed by a processor can cause said processor to perform:
3 identifying significant ones of behavioral properties based on measured
4 behavioral data in a computer system;
5 determining an insight associated with said significant ones of behavioral
6 properties; and
7 determining an advice associated with the insight.

1 9. The medium of claim 8, further comprising encoding knowledge of computer
2 subsystem behavioral properties based on behavioral data to provide a basis for
3 identifying said significant ones of the behavioral properties.

1 10. The medium of claim 8, further comprising encoding knowledge of insights
2 based on the behavioral properties to provide a basis for determining the insight.

1 11. The medium of claim 8, further comprising generating an explanation of the
2 insight in terms of the behavioral properties.

1 12. The medium of claim 8, further comprising generating an explanation of the
2 advice.

1 13. The medium of claim 8, wherein said identifying significant ones of
2 behavioral properties includes identifying behavior whose value is outside a
3 predefined range.

1 14. The medium of claim 8, further comprising providing the insight and the
2 advice to a user.

1 15. A system, comprising:
2 a measurement interface to receive measured values of computer system
3 performance parameters;
4 a measurement interpreter coupled to the measurement interface to receive
5 measured data from the measurement interface and to provide
6 behavioral property data;
7 a behavior interpreter coupled to the measurement interpreter to receive the
8 behavioral property data and to provide insights and explanations; and
9 a user interface coupled to the behavior interpreter to present the insights and
10 explanations to a user.

1 16. The system of claim 15, wherein the measurement interface includes a
2 measurement adapter.

1 17. The system of claim 15, wherein the measurement interpreter includes a
2 behavior knowledge interpreter.

1 18. The system of claim 15, wherein the measurement interpreter includes a
2 compiler.

1 19. The system of claim 15, wherein the behavior interpreter includes an insight
2 generator.

1 20. The system of claim 19, wherein the insight generator includes an advice
2 generator.